

AMENDMENTS TO THE CLAIMS

1-39 (Canceled)

40. (Previously Presented) A method of storing Web content, comprising:

receiving a Web page;

identifying Web objects having correlated retrieval times to the Web page;

receiving the Web objects; and

storing the Web objects in co-located positions on a storage device.

41. (Previously Presented) The method of claim 40, wherein the Web objects comprise at least one hyper-linked Web object of the Web page.

42. (Previously Presented) The method of claim 40, wherein the Web objects comprise at least one embedded Web object of the Web page.

43. (Previously Presented) The method of claim 40, wherein identifying Web objects having correlated retrieval times to the Web page further comprises parsing the Web page.

44. (Previously Presented) The method of claim 40, further comprising submitting requests for the Web objects of the Web page.

45. (Previously Presented) The method of claim 40, further comprising:

identifying a reference to at least one of the Web objects of the Web page;

storing the Web page in a holding area;
receiving the at least one of the Web objects;
storing the at least one of the Web objects in the holding area; and
storing the Web page and the at least one of the Web objects in co-located positions on
the storage device.

46. (Previously Presented) The method of claim 45, wherein the at least one of the Web objects comprises an embedded Web page.

47. (Previously Presented) The method of claim 46, further comprising:

recursively parsing the embedded Web page to identify additional embedded Web pages;
and

storing the Web page, the embedded Web page, and the additional embedded Web pages
in co-located positions on the storage device.

48. (Previously Presented) The method of claim 40, wherein the storage device comprises a magnetic disk having at least one cylinder.

49. (Previously Presented) The method of claim 48, wherein the Web page and the Web objects of the Web page are stored in contiguous positions on the cylinder of the magnetic disk.

50. (Previously Presented) The method of claim 48, wherein the magnetic disk has a plurality of cylinders, and the Web page and the Web objects are stored on closely spaced cylinders.

51. (Previously Presented) The method of claim 48, wherein the magnetic disk has a plurality of cylinders, and the Web page and the Web objects are stored contiguously on multiple cylinders.

52. (Previously Presented) The method of claim 40, wherein at least one of the Web objects comprises an electronic file.

53. (Previously Presented) The method of claim 52, wherein at least one of the Web objects comprises a text file.

54. (Previously Presented) The method of claim 52, wherein at least one of the Web objects comprises an image file.

55. (Previously Presented) The method of claim 52, wherein at least one of the Web objects comprises an audio file.

56. (Previously Presented) The method of claim 52, wherein at least one of the Web objects comprises a video file.

57. (Previously Presented) A method of storing Web content, comprising:

receiving a plurality of Web objects;

identifying at least one of the plurality of Web objects as a Web page;

identifying at least one of the plurality of Web objects as a correlated Web object having a correlated retrieval time to the Web page; and

storing the Web page and the correlated Web object in co-located positions on a storage device.

61 58. (Previously Presented) The method of claim 57, wherein the correlated Web object comprises a hyper-linked Web object of the Web page.

59. (Previously Presented) The method of claim 57, wherein the correlated Web object comprises an embedded Web object of the Web page.

60. (Previously Presented) The method of claim 57, wherein identifying at least one of the plurality of Web objects as a correlated Web object further comprises parsing the Web page.

61. (Previously Presented) The method of claim 57, further comprising submitting requests for correlated Web objects of the Web page.

62. (Previously Presented) The method of claim 57, further comprising:

identifying a reference to the correlated Web object of the Web page;

storing the Web page in a holding area;

receiving the correlated Web object;

storing the correlated Web object in the holding area; and

storing the Web page and the correlated Web object in co-located positions on the storage device.

C1 63. (Previously Presented) The method of claim 57, wherein the correlated Web object comprises an embedded Web page.

64. (Previously Presented) The method of claim 63, further comprising:

recursively parsing the embedded Web page to identify additional embedded Web pages;
and

storing the Web page, the embedded Web page, and the additional embedded Web pages in co-located positions on the storage device.

65. (Previously Presented) The method of claim 57, wherein the storage device comprises a magnetic disk having at least one cylinder.

66. (Previously Presented) The method of claim 65, wherein the correlated Web objects of the Web page are stored in contiguous positions on the cylinder of the magnetic disk.

67. (Previously Presented) The method of claim 65, wherein the magnetic disk has a plurality of cylinders, and the Web page and the correlated Web objects are stored on closely spaced cylinders.

68. (Previously Presented) The method of claim 65, wherein the magnetic disk has a plurality of cylinders, and the Web page and the correlated Web objects are stored contiguously on multiple cylinders.

69. (Currently Amended) The method of claim ~~[[56]]~~ 57, wherein at least one of the web objects comprises an electronic file.

70. (Previously Presented) A storage system for Web objects, comprising:

a microprocessor;

a storage device coupled to the microprocessor, the storage device adapted to store Web objects and storage routines; and

a storage routine stored on the storage device, the storage routine adapted to receive a Web page, identify Web objects having correlated retrieval times to the Web page, receive the Web objects, and store the Web page and the Web objects in co-located positions on a storage device.

71. (Previously Presented) The storage system of claim 70, wherein the Web objects comprise at least one hyper-linked Web object of the Web page.

72. (Previously Presented) The storage system of claim 70, wherein the Web objects comprise at least one embedded Web object of the Web page.

73. (Previously Presented) The storage system of claim 70, wherein the storage routine is further adapted to parse the Web page to identify the Web objects having correlated retrieval times to the Web page.

61 74. (Previously Presented) The storage system of claim 70, wherein the storage routine is further adapted to submit requests for the Web objects having correlated retrieval times to the Web page.

75. (Previously Presented) The storage system of claim 70, wherein the storage routine is further adapted to:

- identify a reference to at least one of the Web objects of the Web page;
- store the Web page in a holding area;
- receive the at least one of the Web objects;
- store the at least one of the Web objects in the holding area; and
- store the Web page and the at least one of the Web objects in co-located positions on the storage device.

76. (Previously Presented) The storage system of claim 75, wherein the at least one of the Web objects comprises an embedded Web page.

77. (Previously Presented) The storage system of claim 76, wherein the storage routine is further adapted to:

- recursively parse the embedded Web page to identify additional embedded Web pages;
- and

store the Web page, the embedded Web page, and the additional embedded Web pages in co-located positions on the storage device.

78. (Previously Presented) The storage system of claim 70, wherein the storage device comprises a magnetic disk having at least one cylinder.

79. (Previously Presented) The storage system of claim 78, wherein the Web page and embedded or hyper-linked Web objects of the Web page are stored in contiguous positions on the cylinder of the magnetic disk.

80. (Previously Presented) The storage system of claim 78, wherein the magnetic disk has a plurality of cylinders, and the Web page and the Web objects are stored on closely spaced cylinders.

81. (Previously Presented) The storage system of claim 78, wherein the magnetic disk has a plurality of cylinders, and the Web page and the Web objects are stored contiguously on multiple cylinders.

82. (Previously Presented) The storage system of claim 70, wherein at least one of the Web objects comprises an electronic file.

83. (Previously Presented) A programmable storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method for storing Web content, said method comprising:

receiving a Web page;

identifying Web objects having correlated retrieval times to the Web page;

receiving the Web objects; and

storing the Web page and the Web objects in co-located positions on a storage device.

84. (Previously Presented) The programmable storage device of claim 83, wherein the Web objects comprise at least one hyper-linked Web object of the Web page.

85. (Previously Presented) The programmable storage device of claim 83, wherein the Web objects comprise at least one embedded Web object of the Web page.

86. (Previously Presented) The programmable storage device of claim 83, said method further comprising parsing the Web page to identify Web objects having correlated retrieval times to the Web page.

87. (Previously Presented) The programmable storage device of claim 83, said method further comprising submitting requests for the Web objects having correlated retrieval times to the Web page.

88. (Previously Presented) The programmable storage device of claim 83, said method further comprising:

identify a reference to at least one of the Web objects of the Web page;

store the Web page in a holding area;

receive the at least one of the Web objects;

store the at least one of the Web objects in the holding area; and

store the Web page and the at least one of the Web objects in co-located positions on the storage device.

89. (Previously Presented) The programmable storage device of claim 88, wherein the at least one of the Web objects comprises an embedded Web page.

90. (Previously Presented) The programmable storage device of claim 89, said method further comprising:

recursively parsing the embedded Web page to identify additional embedded Web pages;

and

storing the Web page, the embedded Web page, and the additional embedded Web pages in co-located positions on the storage device.

91. (Previously Presented) The programmable storage device of claim 83, wherein the storage device comprises a magnetic disk having at least one cylinder.

92. (Currently Amended) The programmable storage device of claim [[83]] 91, wherein the Web page and the Web objects of the Web page are stored in contiguous positions on the cylinder of the magnetic disk.

93. (Currently Amended) The programmable storage device of claim [[83]] 91, wherein the magnetic disk has a plurality of cylinders, and the Web page and the Web objects of the Web page are stored on closely spaced cylinders.

94. (Currently Amended) The programmable storage device of claim [[83]] 91, wherein the magnetic disk has a plurality of cylinders, and the Web page and the Web objects of the Web page are stored contiguously on multiple cylinders.

95. (Previously Presented) The programmable storage device of claim 83, wherein at least one of the Web objects comprises an electronic file.
